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 TRANSMITTAL LETTER TO THE UNITED STATES
 DESIGNATED/ELECTED OFFICE (DO/EO/US)
 CONCERNING A NATIONAL STAGE FILING UNDER 35 U.S.C. § 371

 ATTORNEY'S DOCKET NUMBER
 5585-74167-01

 U.S. APPLICATION NO. (if known, see 37 C.F.R. § 1.5)
 Currently unknown 10/575349

 INTERNATIONAL APPLICATION NO.
 PCT/GB2004/004330

 INTERNATIONAL FILING DATE
 12 October 2004

 PRIORITY DATE CLAIMED
 13 October 2003

 TITLE OF INVENTION
 GLUCOSYLTRANSFERASES

APPLICANT(S) FOR DO/EO/US

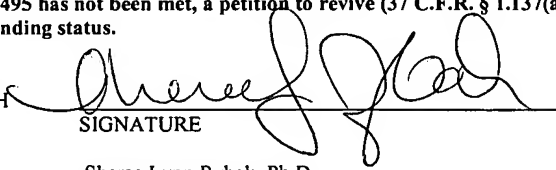
Dianna Bowles, Rosamond Jackson, Eng Kiat Lim, and Fabian Vaistij

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. § 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). Items 5, 6, 9 and 21 indicated below are submitted to make this express request.
4. ☐ The United States has been elected in a Demand for International Preliminary Examination (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. § 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English-language translation of the International Application (35 U.S.C. § 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau to the United States Receiving Office).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English-language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
9. ☒ An unsigned oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)).
10. ☐ An English-language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$40.00 are included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 C.F.R. § 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. §§ 1.821 - 1.825 (computer diskette, 12 pages of paper copy, and a Statement in Compliance).
18. ☐ A second copy of the published International Application under 35 U.S.C. § 154(d)(4).
19. ☐ A second copy of the English-language translation of the international application under 35 U.S.C. § 154(d)(4).
20. ☒ Other items or information:
 - ☒ Abstract on a separate page.
 - ☐ Written Opinion.
 - ☐ Preliminary Examination Report.
 - ☐ International Search Report.
 - ☒ Copies of References Cited.

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|---|--------------|--|--|---|----|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.495) Currently unknown 10/575349 | | INTERNATIONAL APPLICATION NO. PCT/GB2004/004330 | | ATTORNEY'S DOCKET NUMBER 5585-74167-01 | |
| The following fees are submitted: | | | | | |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 C.F.R. 1.492(a)).....\$300 | | | | \$ 300.00 | |
| 22. <input checked="" type="checkbox"/> Examination fee (37 C.F.R. 1.492 (c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations\$200 | | | | \$ 200.00 | |
| 23. <input checked="" type="checkbox"/> Search fee (37 C.F.R. 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Articles 33(1)-(4).....\$0 Search fee (37 C.F.R. 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations\$500 | | | | \$ 500.00 | |
| TOTAL OF 21, 22, and 23 = | | | | \$ 1,000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 43 - 100 | 0 / 50 = | 0 | x \$250 | \$ 0.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)). | | | | \$ 130.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 28 - 20 = | 8 | x \$50.00 | \$ 400.00 | |
| Independent Claims | 1 - 3 = | 0 | x \$200.00 | \$ 0.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ 0.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1,530.00 | |
| <input checked="" type="checkbox"/> Small entity status is claimed for this application. Fees above are reduced by 1/2. | | | | \$ 765.00 | |
| SUBTOTAL = | | | | \$ 765.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)). | | | | \$ 0.00 | |
| TOTAL NATIONAL FEE = | | | | \$ 765.00 | |
| Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property. | | | | \$ 0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ 765.00 | |
| | | | | Amount to be refunded | \$ |
| | | | | Amount to be charged | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>765.00</u> to cover the above fees is enclosed. | | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | |
| c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. <u>02-4550</u> . A duplicate copy of this sheet is enclosed. | | | | | |
| d. <input checked="" type="checkbox"/> Please return the enclosed postcard to confirm that the items listed above have been received. | | | | | |
| NOTE: Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH | | | | | |
| CUSTOMER NUMBER 24197 | | | SIGNATURE  | | |
| KLARQUIST SPARKMAN, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, OR 97204-2988 | | | NAME <u>Sheree Lynn Rybak, Ph.D.</u> | | |
| | | | REGISTRATION NUMBER <u>47,913</u> | | |

cc: Docketing